

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 03/02739

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/68 G01N33/569

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, WPI Data, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y | HARAGUCHI, S. ET AL: "Immunosuppressive retroviral peptides: cAMP and cytokine patterns" IMMUNOLOGY TODAY, vol. 16, no. 12, 1995, page 595-603 XP001152891 cited in the application the whole document | 1-45 |
| Y | DUKERS, D. F. ET AL: "Quantitative immunohistochemical analysis of cytokine profiles in Epstein-Barr virus positive and negative cases of Hodgkin's disease" THE JOURNAL OF PATHOLOGY, vol. 190, no. 2, February 2000 (2000-02), pages 143-149, XP009018734 the whole document | 1-55 |

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 October 2003

Date of mailing of the international search report

24/10/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | SAFADI R ET AL: "ORAL IMMUNE-REGULATION TOWARDS HEPATITIS B VIRUS PROTEINS A NEW MODE OF TREATMENT FOR CHRONIC HBV INFECTION: RESULTS OF A PHASE I CLINICAL TRIAL" HEPATOLOGY, WILLIAMS AND WILKINS, BALTIMORE, MD, US, vol. 32, no. 4, PART 2, 2000, page 379A XP001015513 ISSN: 0270-9139 | 40-55 |
| X | the whole document | 40 |
| Y | ILAN Y ET AL: "Induction of oral tolerance in splenocyte recipients toward pretransplant antigens ameliorates chronic graft versus host disease in a murine model" BLOOD, W.B.SAUNDERS COMPAGNY, ORLANDO, FL, US, vol. 95, no. 11, 1 June 2000 (2000-06-01), pages 3613-3619, XP002165784 ISSN: 0006-4971 | 40-55 |
| X | the whole document | 40 |
| Y | DUKERS D F ET AL: "DIRECT IMMUNOSUPPRESSIVE EFFECTS OF EBV-ENCODED LATENT MEMBRANE PROTEIN 1" JOURNAL OF IMMUNOLOGY, THE WILLIAMS AND WILKINS CO. BALTIMORE, US, vol. 165, no. 2, 15 July 2000 (2000-07-15), pages 663-670, XP001145438 ISSN: 0022-1767 cited in the application the whole document | 1-55 |
| A | TAKAYAMA, T. ET AL: "Mammalian and viral IL-10 enhance C-C chemokine receptor 5 but not down-regulate C-C chemokine receptor 7 expression by myeloid dendritic cells: impact on chemotactic responses and in vivo homing ability" THE JOURNAL OF IMMUNOLOGY, vol. 166, 2001, pages 7136-7143, XP001155291 the whole document | 1-55 |
| X,P | MARSHALL, N. A. ET AL: "Regulatory T cells secreting IL-10 dominate the immune response to EBV latent membrane protein 1" THE JOURNAL OF IMMUNOLOGY, vol. 170, 2003, pages 6183-6189, XP001155292 the whole document | 1-55 |